Commonwealth of Kentucky
Environmental and Public Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

Final

AIR QUALITY PERMIT

Issued under 401 KAR 52:030

Permittee Name:	**Toyo Automotive Parts (USA), Incorporated**
Mailing Address:	**Toyo Automotive Parts (USA), Inc.,** **521 Page Drive** **Franklin, KY 42134**
Source Name:	**Same as above**
Mailing Address:	**Same as above**
Source Location:	**521 Page Drive, Franklin KY**
Permit Number:	**F-06-006**
Source A. I. #:	**40307**
Activity #:	**APE20050004**
Review Type:	**Construction / Operating**
Source ID #:	**21-213-00046**
Regional Office:	**Bowling Green Regional Office** **1508 Westen Avenue** **Bowling Green, KY 42104-3356**
County:	**Simpson**
Application Complete Date:	**May 30, 2006**
Issuance Date:	**July28, 2006**
Revision Date:	
Expiration Date:	**July 28, 2011**

John S. Lyons, Director
Division for Air Quality

Revised 10/19/05

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Rev #	Permit type	Log #/ Activity #	Complete Date	Issuance Date	Summary of Action
----	**Initial Issuance**	**53710**	**04/30/01**	**07/03/01**	**Initial Issuance for Toyo Tire and Rubber Co., Permit F-01-013**
1	**Minor revision**	**55806**	**07/29/03**	**09/26/03**	**Addition of two adhesive spray coating booths (EP34 &EP35). Revise description of emission points.**
2	**Minor revision**	**APE2005 0003**	**09/01/05**	**09/15/05**	**Addition of one manual load spray paint machine (EP37)**
Rev #	**Permit type**	**Activity #**	**Complete Date**	**Issuance Date**	**Summary of Action**
___	**Renewal**	**APE2005 0004**	**5/30/06**	**7/28/06**	**Addition of three liquid filled cell machines (EP38), Permit F-06-006**

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the construction and operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, Federally-enforceable permits for non-major sources.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

01 (1-1 and1-2) Two Indirect Heat Exchangers

Description: EP01 is two 100 hp output boilers equipped with low NO_X burners.
Each boiler has a heat input capacity of 4.185 MM Btu/hr.
Natural gas is burned to produce process heat.
Construction commenced: March of 2002

APPLICABLE REGULATIONS:
401 KAR 59:015, New Indirect Heat Exchangers applicable to an emission unit with a capacity less than 250 MMBTU per hour and commenced on or after April 9, 1972.

1. Operating Limitations:
The affected facility shall be operated so as not to exceed the emission limitations in Section B.2.

2. Emission Limitations:
A. 59:015, § 4(1)(c): Particulate emissions shall not exceed 0.56 lb/mmBTU
B. 59:015, § 4(2): Visible emissions shall not exceed 20% opacity
C. 59:015, § 5(1)(c): Sulfur dioxide emissions shall not exceed 3.0 lb/mmBTU
D. **Conditional Major Limit on VOC emissions.** See Section D.

Compliance Demonstration Method: The unit is considered to be in compliance with the particulate, sulfur dioxide and opacity standards while burning pipeline quality natural gas.

3. Testing Requirements: None

4. Specific Monitoring Requirements:
The source wide volume of natural gas burned shall be monitored on a monthly basis.

5. Specific Recordkeeping Requirements:
Records shall be maintained of the source wide volume of natural gas burned.

6. Specific Reporting Requirements: None

7. Specific Control Equipment Operating Conditions: None

8. Alternate Operating Scenarios: None

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

06 (6-1 and 6-2)
09 (9-1 and 9-2)
10 (10-1 and 10-2)
34 (34-1 and 34-2)
35 (35-1 and 35-2)

These emission points are adhesive spray coating machines.

Description:

EP06 is a continuous automatic coating machine for tube insides of automobile anti-vibration components. The machine has a rated capacity of 720 pieces/hr.
EP09 is a continuous automatic coating machine for flat spray coating of automobile anti-vibration components. The machine has a rated capacity of 900 pieces/hr.
EP10 is a continuous automatic spindle spray-coating machine for automobile anti-vibration components. The machine has a rated capacity of 900 pieces/hr.
EP34 is a continuous automatic coating machine for tube insides of automobile anti-vibration components. The machine has a rated capacity of 720 pieces/hr.
EP35 is a continuous automatic spindle spray-coating machine for automobile anti-vibration components. The machine has a rated capacity of 900 pieces/hr.

Each coating machine performs the following functions in the following order:
1st metal is preheated in a hot air oven,
2nd airless spray gun applicator 1 applies a primer,
3rd the primed part is dried in a second hot air oven,
4th airless spray gun applicator 2 applies a coat of cover adhesive,
5th and finally, the parts are dried in a third hot air oven.

Exhaust filters, assumed to be 90% efficient, are used to control particulate matter emissions. All of these machines are enclosed in a permanent total enclosure vented to a thermal oxidizer.

EP06, construction commenced: March of 2002
EP09, construction commenced: March of 2002
EP10, construction commenced: March of 2002
EP34, construction commenced: September of 2003
EP35, construction commenced: September of 2003

APPLICABLE REGULATIONS:

A. 401 KAR 59:010, New process operations applicable to each affected facility associated with a process operation which is not subject to another emission standard with respect to particulates in Chapter 59 of 401 KAR commenced on or after July 2, 1975.
B. GROUP REQUIREMENTS – See Section E.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

1. Operating Limitations:

The following limits shall apply to assure compliance with Emission Limitations A and B.

A. Filters shall be in place at all times when a machine is applying adhesive.
B. Filters shall be replaced when determined to be inefficient (as determined through visual inspection).
C. The units shall be operated and maintained in accordance with the manufacturer's recommendations unless otherwise allowed in this permit.
D. **Conditional Major Limit on VOC -** See Section D.
E. **Conditional Major Limit on HAPs** - See Section D.
F. **GROUP REQUIREMENTS –** See Section E.

2. Emission Limitations:

A. 401 KAR 59:010 § 3(1) – Visible emissions from the stack associated with the units shall not equal or exceed 20% opacity.
B. 401 KAR 59:010 § 3(2) – Particulate matter emissions from the stack associated with the units shall not equal or exceed 2.34 pounds per hour.

Compliance Demonstration Method:

If deemed necessary, the Cabinet shall require testing in accordance with 40 CFR 60 Appendix A, Methods 9 and 5, respectively.

Given the description provided for this emission point, compliance with Operating Limitations A - C demonstrates compliance with the above emission limitations unless testing is required.

3. Testing Requirements:

A. Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 § 2(2) and 50:045 § 4.
B. **Conditional Major Limit on VOC -** See Section D.
C. **Conditional Major Limit on HAPs** - See Section D.
D. **GROUP REQUIREMENTS –** See Section E.

4. Specific Monitoring Requirements:

The following is required as part of compliance demonstration for Emission Limitations A and B.

A. Operating Limitations A and B shall be monitored daily before the unit is operated (on days when a coating is applied).
B. A qualitative visual observation of the opacity of emissions shall be performed from the stack on a weekly basis and a log of the observations maintained when the unit(s) is (are) operating. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.
C. **Conditional Major Limit on VOC -** See Section D.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

4. Specific Monitoring Requirements (Continued):

D. **Conditional Major Limit on HAPs** - See Section D.
E. **GROUP REQUIREMENTS –** See Section E.

5. Specific Recordkeeping Requirements:

The following is required as part of compliance demonstration for Emission Limitations A and B.

A. Date and results of filter inspections shall be recorded when monitored.
B. All maintenance necessary to demonstrate compliance with Operating Limitation C shall be recorded and include date and time.
C. Records documenting the results of any required inspection and repair, as a result of a recorded opacity over 20% shall be maintained.
D. Records of the weekly qualitative visual observation shall be maintained.
E. **Conditional Major Limit on VOC -** See Section D.
F. **Conditional Major Limit on HAPs** - See Section D.
G. **GROUP REQUIREMENTS –** See Section E.

6. Specific Reporting Requirements:

A. As part of compliance demonstration for Emission Limitations A and B, reporting requirement 5 in Section F shall be modified to require only a summary of filter replacement, maintenance, and deviations from permit requirements. This shall be done every 6 months and certified by a responsible official as specified in Section F requirement 5. See reporting requirements 6, 7, and 8 from Section F for additional reporting requirements.
B. **Conditional Major Limit on VOC -** See Section D.
C. **Conditional Major Limit on HAPs** - See Section D.
D. **GROUP REQUIREMENTS –** See Section E.

7. Specific Control Equipment Operating Conditions:

See Operating Limitations above.

8. Alternate Operating Scenarios:

N/A

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

11 (11-1 and 11-2) These emission points are roll adhesive coating machines.
13 (13-1 and 13-2)
14 (14-1 and 14-2)
15 (15-1 and 15-2)

07 (7-1 and 7-2) This emission point is a dip adhesive coating machine.

Description:
EP11 is a continuous automatic roll coating machine for tube insides of automobile anti-vibration components. The machine has a rated capacity of 720 pieces/hr.
EP13, EP14 and EP15 are continuous automatic roll coating machines for tube outsides of automobile anti-vibration components. The machines each have a rated capacity of 400 pieces/hr.
Each coating machine performs the following functions in the following order.
1st metal is preheated in a hot air oven,
2nd primer is roll coated to the metal at applicator 1,
3rd the primed part is dried in a second hot air oven,
4th a cover adhesive is roll coated to the part at applicator 2,
5th and finally, the parts are dried in a third hot air oven.

EP07 is a semi-automatic coating machine with hangers for automobile anti-vibration components. The machine has a rated capacity of 900 pieces/hr.
The coating machine performs the following functions in the following order.
1st primer is coated on the metal at dip applicator 1,
2nd the primed part is dried in a hot air oven,
3rd cover adhesive is applied at dip applicator 2,
4th and finally, the parts are dried in a second hot air oven.

All of these machines are enclosed within a permanent total enclosure and vented to a regenerative thermal oxidizer.

EP11, construction commenced: March of 2002
EP13, construction commenced: March of 2002
EP14, construction commenced: March of 2002
EP15, construction commenced: March of 2002
EP07, construction commenced: March of 2002

APPLICABLE REGULATIONS:
GROUP REQUIREMENTS – See Section E.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

1. Operating Limitations:
A. **Conditional Major Limit on VOC -** See Section D.
B. **Conditional Major Limit on HAPs** - See Section D.
C. **GROUP REQUIREMENTS –** See Section E.

2. Emission Limitations:
A. **Conditional Major Limit on VOC** - See Section D.
B. **Conditional Major Limit on HAPs** - See Section D.
C. **GROUP REQUIREMENTS –** See Section E.

3. Testing Requirements:
A. **Conditional Major Limit on VOC -** See Section D.
B. **Conditional Major Limit on HAPs** - See Section D.
C. **GROUP REQUIREMENTS –** See Section E.

4. Specific Monitoring Requirements:
A. **Conditional Major Limit on VOC** - See Section D.
B. **Conditional Major Limit on HAPs** - See Section D.
C. **GROUP REQUIREMENTS –** See Section E.

5. Specific Recordkeeping Requirements:
A. **Conditional Major Limit on VOC** - See Section D.
B. **Conditional Major Limit on HAPs** - See Section D.
C. **GROUP REQUIREMENTS –** See Section E.

6. Specific Reporting Requirements:
A. **Conditional Major Limit on VOC** - See Section D.
B. **Conditional Major Limit on HAPs** - See Section D.
C. **GROUP REQUIREMENTS –** See Section E.

7. Specific Control Equipment Operating Conditions:
A. **Conditional Major Limit on VOC -** See Section D.
B. **Conditional Major Limit on HAPs** - See Section D.
C. **GROUP REQUIREMENTS –** See Section E.

8. Alternate Operating Scenarios:
N/A

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

36 (36-1) These emission points are manual spray machines.
37 (37-1)

Description:
EP36 is a manual load spray paint machine for automotive anti-vibration parts. The maximum hourly rated capacity is 200 pieces/hr.
EP37 is a manual load spray paint machine with top and bottom spray applicators for automotive anti-vibration parts. The maximum hourly rated capacity is 250 pieces/hr. The pieces are dried in an electric oven.

EP36, construction commenced: April of 2004
EP37, construction commenced: September of 2005

APPLICABLE REGULATIONS:
A. 401 KAR 59:010, New process operations applicable to each affected facility associated with a process operation which is not subject to another emission standard with respect to particulates in Chapter 59 of 401 KAR commenced on or after July 2, 1975.
B. 401 KAR 52:030, Applicable to sources that accept permit conditions that are legally and practically enforceable to limit their potential to emit (PTE) below major source thresholds that would make them subject to 401 KAR 52:020.

1. Operating Limitations:
The following limits shall apply to assure compliance with Emission Limitations A and B.
A. Filters shall be in place at all times when a machine is applying paint.
B. Filters shall be replaced when determined to be inefficient (as determined through visual inspection).
C. The units shall be operated and maintained in accordance with the manufacturer's recommendations unless otherwise allowed in this permit.
D. **Conditional Major Limit on VOC -** See Section D.
E. **Conditional Major Limit on HAPs** - See Section D.

2. Emission Limitations:
A. 401 KAR 59:010 § 3(1) – Visible emissions from the stack associated with the units shall not equal or exceed 20% opacity.
B. 401 KAR 59:010 § 3(2) – Particulate matter emissions from the stack associated with the units shall not equal or exceed 2.34 pounds per hour.

Compliance Demonstration Method:
If deemed necessary, the Cabinet shall require testing in accordance with 40 CFR 60 Appendix A, Methods 9 and 5, respectively.

Given the description provided for this emission point, compliance with Operating Limitations A - C demonstrates compliance with the above emission limitations unless testing is required.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 § 2(2) and 50:045 § 4. See Section D

4. Specific Monitoring Requirements:

The following is required as part of compliance demonstration for Emission Limitations A and B.

A. Operating Limitations A and B shall be monitored daily before the unit is operated (on days when a coating is applied).

B. A qualitative visual observation of the opacity of emissions shall be performed from the stack on a weekly basis and a log of the observations maintained when the unit(s) is (are) operating. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

C. **Conditional Major Limit on VOC -** See Section D.

D. **Conditional Major Limit on HAPs** - See Section D.

5. Specific Recordkeeping Requirements:

The following is required as part of compliance demonstration for Emission Limitations A and B.

A. Date and results of filter inspections shall be recorded when monitored.

B. All maintenance necessary to demonstrate compliance with Operating Limitation C shall be recorded and include date and time.

C. Records documenting the results of any required inspection and repair, as a result of a recorded opacity over 20% shall be maintained.

D. Records of the weekly qualitative visual observation shall be maintained.

E. **Conditional Major Limit on VOC -** See Section D.

F. **Conditional Major Limit on HAPs** - See Section D.

6. Specific Reporting Requirements:

A. As part of compliance demonstration for Emission Limitations A and B, reporting requirement 5 in Section F shall be modified to require only a summary of filter replacement, maintenance, and deviations from permit requirements. This shall be done every 6 months and certified by a responsible official as specified in Section F requirement 5. See reporting requirements 6, 7, and 8 from Section F for additional reporting requirements.

B. **Conditional Major Limit on VOC -** See Section D.

C. **Conditional Major Limit on HAPs** - See Section D.

7. Specific Control Equipment Operating Conditions:

See Operating Limitations above.

8. Alternate Operating Scenarios:

N/A

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

38 (38-1, 38-2, 38-3) These emission points are liquid filled cell machines.

Description:
EP38 is three liquid filled cell machines. The liquid filled cell machines inject glycol fluid into rubber automotive suspension bushings. The amount of residual fluid on the bushing exterior following injection is estimated to less than one percent (1%) and 99% will be contained with the part, based on the same process being conducted in Japan.

EP38-1, Liquid Filled Cell #1 – construction projected for July 2006
EP38-2, Liquid Filled Cell #2 – construction projected for October 2006
EP38-3, Liquid Filled Cell #3 – construction projected for October 2006

APPLICABLE REGULATIONS:
401 KAR 52:030, Applicable to sources that accept permit conditions that are legally and practically enforceable to limit their potential to emit (PTE) below major source thresholds that would make them subject to 401 KAR 52:020.

1. **Operating Limitations:**
   A. **Conditional Major Limit on VOC -** See Section D.
   B. **Conditional Major Limit on HAPs** - See Section D.

2. **Emission Limitations:**
   A. **Conditional Major Limit on VOC -** See Section D.
   B. **Conditional Major Limit on HAPs** - See Section D.

3. **Testing Requirements:**
   Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 § 2(2) and 50:045 § 4.

4. **Specific Monitoring Requirements:**
   A. **Conditional Major Limit on VOC** - See Section D.
   B. **Conditional Major Limit on HAPs** - See Section D.

5. **Specific Recordkeeping Requirements:**
   A. **Conditional Major Limit on VOC -** See Section D.
   B. **Conditional Major Limit on HAPs** - See Section D.

6. **Specific Reporting Requirements:**
   A. **Conditional Major Limit on VOC -** See Section D.
   B. **Conditional Major Limit on HAPs** - See Section D.

7. **Specific Control Equipment Operating Conditions:** N/A

8. **Alternate Operating Scenarios:** N/A

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030, Section 6. While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

Description	Generally Applicable Regulation
1. 2 dry blast machines with bag filters	401 KAR 59:010
2. 1 zinc phosphate line with packed bed scrubber	401 KAR 59:010
3. 1 wet blast line	None
4. 9 automatic buffing machines, 2 semi-automatic buffing machines, 8 manual buffing machines	401 KAR 59:010
5. 8 oil dipping tanks (to apply rust inhibiting oil to buffed parts)	None
6. 73 vertical injection molding machines, 2 horizontal injection molding machines, 1 dual stage injection molding machine	401 KAR 59:010
7. 6 TPE boot molding machines	None
8. 3 Swaging machines with rust inhibiting oil	None
9. 2 arc welders	401 KAR 59:010
10. 1 Bush Spin Painting Machine (BSP-01)	None

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. As required by Section 1b of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10, compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.

2. Particulate Matter (PM) and Volatile Organic Compound (VOC) emissions, as measured by methods referenced in 401 KAR 50:015, Section 1, shall not exceed the respective limitations specified herein.

3. The emissions of any individual Hazardous Air Pollutant (HAP) shall not exceed nine (9) tons during any consecutive twelve (12) month period. The emissions of combined HAP shall not exceed twenty-two and one-half (22.5) tons per year. Monthly records, which demonstrate compliance with this limitation, shall be maintained and total HAP emissions shall be reported on a semi-annual basis. HAP emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month HAP emissions; subsequently, tons of HAP emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with HAP emission limitations listed herein for the conditional major limitations. These records, as well as purchase orders and invoices for all HAP containing materials, shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

Compliance Demonstration Method:For volatile HAP

HAP emitted (lbs/month) = $\sum$ [HAP emissions from adhesives, paints, cleaning solvents and glycol fluid injection]

$$E_{HAPi} = (A)\sum_{i=1}^{n} [Q_i * d_i * \frac{wt\%_{HAPi}}{100} * (1-\frac{RTO\ D.E.\ (\%)}{100}] + (B)\sum_{i=1}^{n} [Q_i * d_i * \frac{wt\%_{HAPi}}{100} * \left\{\left(\frac{C.E.\ (\%)}{100}\right) * \left(\frac{1-RTO\ D.E.\ (\%)}{100}\right) + \left(\frac{1-C.E.\ (\%)}{100}\right)\right\}] + (C)\sum_{i=1}^{n} [Q_i * d_i * \frac{wt\%_{HAPi}}{100} * X_R]$$

$$E_{COMBOHAP} = \sum_{i=1}^{n} E_{HAPi}$$

Where:
Group A = EP6, EP7, EP9, EP10, EP11, EP13, EP14, EP15, EP34 and EP35
Group B = EP36, EP 37 and Insignificant Activity (IA) 10 (BSP-01)
Group C = EP38
$E_{COMBOHAP}$ = Source-wide volatile HAP emissions
E_{HAPi} = Emissions of HAP "i" (lb/month)
Q_i = Usage rate of material "i" (gal/month)
d_i = Density of the material "i" used (lb/gal)
$wt\%_{HAPi}$ = Weight percent of HAP "i" in material "i" (%)

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS (CONTINUED)

The density (d) and the weight percent of HAP "i" ($wt\%_{HAPi}$) is obtained from the manufacturer's technical specification sheet. The weight percent of HAP "i" should consider any solvent or other material added to the coating.

C.E. = Capture Efficiency determined through Division approved testing. A capture efficiency credit may be allowed for EP36 and EP37. This will be contingent upon submittal of a capture efficiency determination protocol within 60 days of the issuance date of the final permit. The protocol will be reviewed by the Division and if approved the source may proceed with the capture efficiency determination test. The capture efficiency determination test shall be conducted no later than 180 days from the issuance date of the final permit. Results of the capture efficiency determination shall be submitted within 45-days of completion of the fieldwork.
RTO D.E. = Regenerative Thermal Oxidizer Destruction Efficiency. At the issuance date of this permit, this value is 99.6% based on the 8/13/2002 stack test. A new stack test is required within 180 days from the issuance date of this permit. The RTO C.E. shall be updated accordingly upon completion of an approved test report.

The emission points included in Group A are located in a Permanent Total Enclosure (PTE). The PTE test was approved by the Division on 1/13/2005. No further PTE validation is necessary unless the source modifies the PTE in such a way as to affect capture efficiency.

X_R = Percent (%) of residual glycol fluid on bushings from Liquid filled Cell Machines = 1%

Compliance Demonstration Method:
For nonvolatile HAP
HAP emitted (lbs/month) = $\sum$ [HAP emissions from spraying operations]

$$E_{HAPi} = \sum_{i=1}^{n} [Q_i * d_i * \frac{wt\%_{HAPi}}{100} * (1 - T.E./100)*(1 - C.E./100)]$$

$$E_{COMBOHAP} = \sum_{i=1}^{n} E_{HAPi}$$

Where:
$E_{COMBOHAP}$ = Source-wide nonvolatile HAP emissions
E_{HAPi} = Emissions of HAP "i" (lb/month)
Q_i = Usage rate of material "i" (gal/month)
d_i = Density of the material "i" used (lb/gal)
$wt\%_{HAPi}$ = Weight percent of HAP "i" in material "i" (%)
T.E. = Transfer efficiency of the application equipment (%)
C.E. = Control efficiency of the PM/PM_{10} abatement equipment (%)
Where:
The HAP content of the material (C_{HAP}) shall be determined from the manufacturer's technical specification sheet. The transfer efficiency for a particular product and application technique can be obtained from the application equipment manufacturer or from technical references such as *AP-42* (EPA, 1995a).

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS (CONTINUED)

4. VOC emissions shall not exceed 90 tons during any consecutive twelve (12) month period. Monthly records to demonstrate compliance with this limitation shall be maintained and total VOC emissions shall be reported on a semi-annual basis. VOC emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month of VOC emissions; subsequently, tons of VOC emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with the VOC emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

Compliance Demonstration Method:
For VOC

VOC emitted (lbs/month) = $\sum$ [VOC emissions from adhesives, paints, cleaning solvents, glycol fluid injection, natural gas combustion, injection molding, oil dipping tanks, TPE boot molding, motor mount cells and bushing spin painting]

$$E_{VOC} = (A)\sum_{i=1}^{n} [Q_i * d_i * \frac{wt\%VOC}{100} * (1-\frac{RTO\ C.E.\ (\%)}{100}] + (B)\sum_{i=1}^{n} [Q_i * d_i * \frac{wt\%_{HAPi}}{100} * \left\{\left(\frac{C.E.\ (\%)}{100}\right) * \left(\frac{1-RTO\ D.E.\ (\%)}{100}\right) + \left(\frac{1-C.E.\ (\%)}{100}\right)\right\}] + (C)\sum_{i=1}^{n} [Q_i * d_i * \frac{wt\%VOC}{100} * X_R] + (D)\,[N * \frac{5.5\ lb}{MMSCF}] + [R * \frac{0.065\ lb}{ton}] + [O * \frac{7.7\ lb}{gal}] + [M * \frac{6.0\ lb}{gal}]$$

Where:
Group A = EP6, EP7, EP9, EP10, EP11, EP13, EP14, EP15, EP34, EP35
Group B = EP36, EP37 and IA10 (BSP-01)
Group C = EP38
Group D = EP01, IA5 and IA6
E_{VOC} = Emissions of VOC (lb/month)
Q_i = Usage rate of material "i" (gal/month)
d_i = Density of the material "i" used (lb/gal)
$wt\%_{VOC}$ = Weight percent of VOC in material "i" (%)
N = Natural gas burned (million standard cubic feet/month)
R = Rubber processed in injection molding machines (ton/month)
O = Oil added to oil dipping tanks (gal/month)
M = Mold release used (gal/month)

The density (d) and the weight percent of VOC ($wt\%_{VOC}$) is obtained from the manufacturer's technical specification sheet. The weight percent of VOC should consider any solvent or other material added to the coating.

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS (CONTINUED)

C.E. = Capture Efficiency determined through Division approved testing. A capture efficiency credit may be allowed for EP36 and EP37. This will be contingent upon submittal of a capture efficiency determination protocol within 60 days of the issuance date of the final permit. The protocol will be reviewed by the Division and if approved the source may proceed with the capture efficiency determination test. The capture efficiency determination test shall be conducted no later than 180 days from the issuance date of the final permit. Results of the capture efficiency determination shall be submitted within 45-days of completion of the fieldwork.

RTO D.E. = Regenerative Thermal Oxidizer Destruction Efficiency. At the issuance date of this permit, this value is 99.6% based on the 8/13/2002 stack test. A new stack test is required within 180 days from the issuance date of this permit. The RTO C.E. shall be updated accordingly upon completion of an approved test report.

The emission points included in Group A are located in a Permanent Total Enclosure (PTE). The PTE test was approved by the Division on 1/13/2005. No further PTE validation is necessary unless the source modifies the PTE in such a way as to affect capture efficiency.

X_R = Percent (%) of residual glycol fluid on bushings from Liquid filled Cell Machines = 1%

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

GROUP A REQUIREMENTS

06 (6-1 and 6-2)
09 (9-1 and 9-2)
10 (10-1 and 10-2)
34 (34-1 and 34-2)
35 (35-1 and 35-2)
These emission points are adhesive spray coating machines.

11 (11-1 and 11-2)
13 (13-1 and 13-2)
14 (14-1 and 14-2)
15 (15-1 and 15-2)
These emission points are roll adhesive coating machines.

07 (7-1 and 7-2) This emission point is a dip adhesive coating machine.

Description:
Emission Points within a Permanent Total Enclosure vented to a Regenerative Thermal Oxidizer.

APPLICABLE REGULATIONS:
401 KAR 52:030, Applicable to sources that accept permit conditions that are legally and practically enforceable to limit their potential to emit (PTE) below major source thresholds that would make them subject to 401 KAR 52:020.

1. **Operating Limitations:**
   A. The occurrence of a pressure and/or temperature alarm during coating operations shall be interlocked with the coating booth operations, resulting in operations ceasing at the booths.
   B. Maintain and operate control equipment in accordance with manufacturer's recommendations and/or good engineering practice.

2. **Emission Limitations:** See Section D

3. **Testing Requirements:**
   A. Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 § 2(2) and 50:045 § 4.
   B. A performance test shall be conducted to determine the VOC destruction efficiency of the thermal oxidizer within 180 days of the issuance of this permit.

3. Testing Requirements (Continued):

Pursuant to 401 KAR 50:045, Section 2, a source required to conduct a performance test shall submit a completed Compliance Test Protocol form, DEP form 6028, or a test protocol a source has developed for submission to other regulatory agencies, in a format approved by the cabinet, to the Division's Frankfort Central Office a minimum of sixty (60) days prior to the scheduled test date. Pursuant to 401 KAR 50:045, Section 7, the Division shall be notified of the actual test date at least Thirty (30) days prior to the test.

Pursuant to 401 KAR 50:045 Section 5 in order to demonstrate that a source is capable of complying with a standard at all times, a performance test shall be conducted under normal conditions that are representative of the source's operations and create the highest rate of emissions. If [When] the maximum production rate represents a source's highest emissions rate and a performance test is conducted at less than the maximum production rate, a source shall be limited to a production rate of no greater than 110 percent of the average production rate during the performance tests. If and when the facility is capable of operation at the rate specified in the application, the source may retest to demonstrate compliance at the new production rate. The Division for Air Quality may waive these requirement on a case-by-case basis if the source demonstrates to the Division's satisfaction that the source is in compliance with all applicable requirements.

Results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days or sooner if required by an applicable standard, after the completion of the fieldwork.

4. Specific Monitoring Requirements:

The following monitoring shall be performed to demonstrate that capture and control of VOC emissions is equivalent to that demonstrated during the performance test.

A. Combustion chamber temperature of the regenerative thermal oxidizer (RTO) shall be monitored continuously by a temperature sensor(s) and recorded continuously by a strip chart recorder. An alarm will notify equipment operators if the temperature is more than 28°C (50°F) below the combustion temperature limit established during the most recent performance test, which demonstrated compliance. The temperature sensor(s) must comply with the following requirements:
    a. Locate the temperature sensor in a position that provides a representative temperature.
    b. Use a temperature sensor with a measurement sensitivity of 5 degrees Fahrenheit or 1.0 percent of the temperature value, whichever is larger.
    c. Before using the sensor for the first time or when relocating or replacing the sensor, perform a validation check by comparing the senor output to a calibrated temperature measurement device or by comparing the sensor output to a simulated temperature.
    d. Conduct accuracy audits every quarter and after every deviation. Accuracy audit methods include comparisons of sensor output to redundant temperature sensors, to calibrated temperature measurement devices, or to temperature simulation devices. Conduct calibrations annually.
    e. Conduct a visual inspection of each sensor every quarter if redundant temperature sensors are not used.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS (CONTINUED)

4. Specific Monitoring Requirements (Continued):

B. Static air pressure at the inlet header to the RTO shall be monitored continuously by pressure sensor(s) and recorded continuously by a strip chart recorder. An alarm will notify equipment operators if the pressure falls below – 2.0 inches water column. The pressure sensor(s) must comply with the following requirements:

a. Locate the pressure sensor(s) in or as close to a position that provides a representative measurement of the pressure drop across each opening that is being monitored.

b. Use a pressure sensor with an accuracy of at least 0.5 inches of water column or 5 percent of the measured value, whichever is larger.

c. Perform an initial calibration of the sensor according to the manufacturer's requirements.

d. Conduct a validation check before initial operation or upon relocation or replacement of a sensor. Validation checks include comparison of sensor values to calibrated pressure measurement devices or to pressure simulation using calibrated pressure sources.

e. Conduct accuracy audits quarterly and after every deviation. Accuracy audits include comparison of sensor values to calibrated pressure measurement devices or to pressure simulation using calibrated pressure sources. Conduct calibrations annually.

f. Perform monthly leak checks on pressure connections. A pressure of at least 1.0 inches of water column to the connection must yield a stable sensor result for at least 15 seconds.

g. Perform a visual inspection of the sensor at least monthly if there is no redundant sensor.

5. Specific Record Keeping Requirements:

A. Combustion chamber temperature of the RTO shall be recorded continuously (at least once every 15 minutes) by a strip chart recorder. The combustion temperature data shall be reduced to 3-hour block averages.

B. Air pressure into the RTO shall be recorded continuously (at least once every 15 minutes) by strip chart recorder.

C. Records of the date, time and duration of each deviation from Specific Control Equipment Operating Conditions A – E, including occurrences of alarms.

D. In addition, for all required emissions control equipment, the permittee shall keep the following records:

1. Design and/or manufacturer's specifications.
2. Preventive maintenance records related to performance of control equipment.
3. All periods, during normal operating conditions, where emissions control equipment, required by this permit is bypassed.
4. Description of operating, temperature and pressure-measuring devices (e.g., automatic strip charts, digital data acquisition systems).
5. Data from the temperature and pressure-measuring devices (as prescribed by Specific Record Keeping Requirements A and B) and any temporary data logged manually as back up.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS (CONTINUED)

5. Specific Record Keeping Requirements (Continued):

6. Inspection reports and maintenance performed in response to recommendations in inspection reports.
7. Monitoring system malfunctions.
8. Calibrations, accuracy audits and validation check records for monitoring equipment specified in Monitoring Requirements A and B.

6. Specific Reporting Requirements:

The reporting requirement in Section F(5) shall include the following:
A summary of Record Keeping Requirements A – G.

7. Specific Control Equipment Operating Conditions:

Emission Capture System that is a PTE.

A. The direction of the air flow at all times must be into the enclosure; and either
B. The average facial velocity of air through all natural draft openings in the enclosure must be at least 200 feet per minute; or
C. The pressure drop across the enclosure must be at least 0.007 inch H_2O, as established in Method 204 of appendix M to 40 CFR part 51.

Compliance Demonstration Method:

a. Collect the pressure drop across the enclosure according to Monitoring Requirement B; and
b. Maintain the pressure drop at or above the pressure drop limit, and maintain the direction of air flow into the enclosure at all times.

Regenerative Thermal Oxidizer (RTO).

D. The average combustion chamber temperature in any 3-hour period must not fall more than 28°C (50°F) below the combustion temperature limit established during the most recent performance test, which demonstrated compliance.
E. The permittee shall use the data collected during the performance test to calculate and record the average combustion temperature. This average combustion temperature is the minimum set point for the RTO. The minimum-operating limit for the RTO is 28°C (50°F) below the minimum set point temperature.

Compliance Demonstration Method:

The permittee must monitor the temperature in the firebox of the RTO or immediately downstream of the firebox before any substantial heat exchange occurs. Compliance shall be demonstrated by:

a. Collecting the combustion temperature data according to Monitoring Requirement A;
b. Reducing the data to 3-hour block averages; and
c. Maintaining the 3-hour combustion temperature at or above the temperature limit.

8. Alternate Operating Scenarios: N/A

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b (IV)(1) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
   a. Date, place (as defined in this permit), and time of sampling or measurements;
   b. Analyses performance dates;
   c. Company or entity that performed analyses;
   d. Analytical techniques or methods used;
   e. Analyses results; and
   f. Operating conditions during time of sampling or measurement.

2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality[401 KAR 52:030 Section 3(1)(f)1a and Section 1a (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

3. In accordance with the requirements of 401 KAR 52:030 Section 3(1)f the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
   a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
   b. To access and copy any records required by the permit:
   c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.

   Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.

4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.

5. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:030 Section 22. All deviations from permit requirements shall be clearly identified in the reports.

7 In accordance with the provisions of 401KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:

a. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.

b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.

8 The owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7 above) to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report required by Section F.5 [Section 1b V(3) and (4) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

9 Pursuant to 401KAR 52:030, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit in accordance with the following requirements:

a. Identification of each term or condition;

b. Compliance status of each term or condition of the permit;

c. Whether compliance was continuous or intermittent;

d. The method used for determining the compliance status for the source, currently and over the reporting period.

e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

f. The certification shall be postmarked by January 30th of each year. Annual compliance certifications should be mailed to the following addresses:

Division for Air Quality	Division for Air Quality
Bowling Green Regional Office	Central Files
1508 Westen Avenue	803 Schenkel Lane
Bowling Green, KY 42104	Frankfort, KY 40601

10. In accordance with 401KAR 52:030, Section 3(1)(d), the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KYEIS emission survey is mailed to the permittee. If a KYEIS emission survey is not mailed to the permittee, then the permittee shall comply with all other emission reporting requirements in this permit.

11. Results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days or sooner if required by an applicable standard, after the completion of the fieldwork.

12. The Cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:
    a. The owner or operator shall submit to the Cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:
        i. The size and location of both the original and replacement units; and
        ii. Any resulting change in emissions;
    b. The potential to emit (PTE) of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;
    c. The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;
    d. The replacement unit shall comply with all applicable requirements; and
    e. The source shall notify Regional office of all shutdowns and start-ups.
    f. Within six (6) months after installing the replacement unit, the owner or operator shall:
        i. Re-install the original unit and remove or dismantle the replacement unit; or
        ii. Submit an application to permit the replacement unit as a permanent change.

SECTION G - GENERAL PROVISIONS

(a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be a violation of 401 KAR 52:030 Section 3(1)(b) and is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to the termination, revocation and reissuance, revision, or denial of a permit [Section 1a (2) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a (5) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

3. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:030 Section 18. The permit will be reopened for cause and revised accordingly under the following circumstances:
   a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:030 Section 12;
   b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
   c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

4. Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

5. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or to determine compliance with the conditions of this permit[Sections 1a (6) and (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

SECTION G - GENERAL PROVISIONS (CONTINUED)

6. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:030 Section 7(1)].

7. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a (11) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

8. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a (3) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

9. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens of the United States [Section 1a (12)(b) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

10. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038 Section 3(6) [Section 1a (9) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

11. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:030 Section 11(3)].

12. This permit does not convey property rights or exclusive privileges [Section 1a (8) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

13. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Cabinet or any other federal, state, or local agency.

14. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.

15. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.

SECTION G - GENERAL PROVISIONS (CONTINUED)

16. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.

17. Permit Shield – A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
    a. Applicable requirements that are included and specifically identified in this permit; and
    b. Non-applicable requirements expressly identified in this permit.

18. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:030 Section 3(1)(c)].

19. The authority to operate granted through this permit shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:030 Section 8(2)].

(b) Permit Expiration and Reapplication Requirements

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:030 Section 12].

(c) Permit Revisions

1. Minor permit revision procedures specified in 401 KAR 52:030 Section 14 (3) may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:030 Section 14 (2).

2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(d) Construction, Start-Up, and Initial Compliance Demonstration Requirements

EP38 – The applicable commencement of construction requirements for these units are General Provisions G(d)1, 2, 3 and 4.

1. Construction of any process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.

2. Within thirty (30) days following commencement of construction and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Regional Office listed on the front of this permit in writing, with a copy to the Division's Frankfort Central Office, notification of the following:
   a. The date when construction commenced.
   b. The date of start-up of the affected facilities listed in this permit.
   c. The date when the maximum production rate specified in the permit application was achieved.

3. Pursuant to 401 KAR 52:030, Section 3(2), unless construction is commenced within eighteen (18) months after the permit is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause.

4. For those affected facilities for which construction is authorized by this permit, a source shall be allowed to construct with the draft permit. Operational or final permit approval is not granted by this permit until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055. If compliance is not demonstrated within the prescribed timeframe provided in 401 KAR 50:055, the source shall operate thereafter only for the purpose of demonstrating compliance, unless otherwise authorized by Section I of this permit or order of the Cabinet.

(e) Acid Rain Program Requirements

1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(f) Emergency Provisions

1. Pursuant to 401 KAR 52:030 Section 23(1), an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
   a. An emergency occurred and the permittee can identify the cause of the emergency;
   b. The permitted facility was at the time being properly operated;
   c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
   d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken.

2. Notification of the Division does not relieve the source of any other local, state or federal notification requirements.

3. Emergency conditions listed in General Provision G(f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:030 Section 23(3)].

4. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof[401 KAR 52:030 Section 23(2)].

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

   RMP Reporting Center
   P.O. Box 1515
   Lanham-Seabrook, MD 20703-1515.

2. If requested, submit additional relevant information to the Division or the U.S. EPA.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(h) Ozone depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
   a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
   b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
   c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
   d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
   e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
   f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

SECTION H - ALTERNATE OPERATING SCENARIOS

N/A

SECTION I - COMPLIANCE SCHEDULE

N/A